

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Application of:

TOSHIKAZU KOBAYASHI

CASE NO.: AD 6547 US NA

SERIAL NO.: 09/582,483

GROUP ART UNIT: 1711

FILED: JUNE 21, 2000

EXAMINER: CALLIE E. SHOSHO

FOR: ANTISTATIC POLYMER COMPOSITION  
AND MOLDINGS THEREOF

DECLARATION UNDER RULE 132

1. I am Toshikazu Kobayashi, the inventor of the present application.
2. I am presently employed as a Senior Chemist by E. I. DuPont de Nemours & Co., Inc. (DuPont), the assignee of the present application.
3. I received Bachelor of Science and Master of Science degrees in Material Science of Polymers from the University of Tokyo.
4. I am familiar with both the present application and U.S. Patent 5,700,857 (Mukohyama).
5. I realized that a present product of DuPont was similar to some of the compositions of Mukohyama, and checked the properties reported for that composition in a data sheet for this product, Rynite® SST35 NC010. I noticed the surface resistivity was given as  $1 \times 10^{13} \Omega$ .
6. I suspected the stated surface resistivity was in error, so under my direction 1/8 inch thick tensile bars (with dimensions according ASTM Method D638) were molded in an injection molding machine, and tested for surface resistivity using ASTM Method D257. Five measurements were made and the results were  $1.73 \times 10^{14}$ ,  $1.85 \times 10^{14}$ ,  $2.72 \times 10^{14}$ ,  $1.07 \times 10^{15}$ , and  $1.69 \times 10^{14} \Omega$ . The arithmetic average of these values is  $3.73 \times 10^{14} \Omega$ .
7. From these results I conclude that value of  $1 \times 10^{13} \Omega$  in the data sheet described above is in error for some reason unknown to me, and the actual value is about an order of magnitude or more higher than the range for surface resistivity ( $10^7$  to  $10^{13} \Omega$ ) in the amended claims in this application.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



Toshikazu Kobayashi

Date: Dec. 18, 2002